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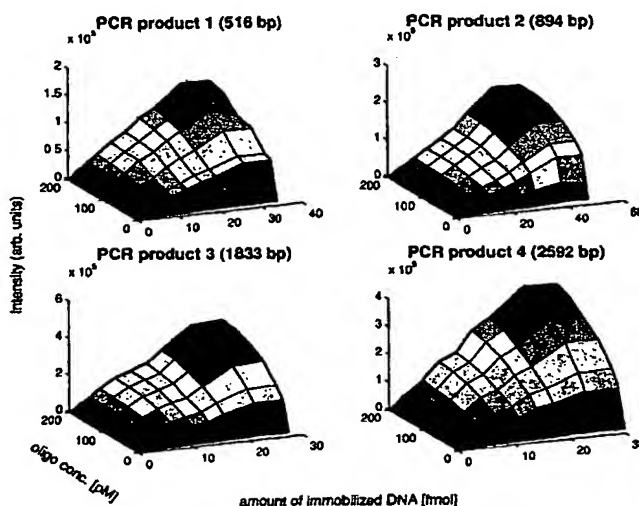
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(54) Title: METHOD AND SYSTEM FOR DETERMINING ABSOLUTE MRNA QUANTITIES



Signal intensities in dependence of DNA spot concentrations and of solute
target concentrations for nylon membranes. Data shown are averaged over four
independent measurements. Data for 4 representative probe species are shown.

(57) **Abstract.** The present invention is particularly directed to a method and a system for determining absolute mRNA quantities, specifically on cDNA microarrays. The following steps and respective means are provided: providing a microarray; providing at least one or more dilution series of control spots on this microarray; hybridizing with a corresponding control cDNA of known concentration; deriving reference data from the hybridization and using said reference data to calculate absolute mRNA concentrations in one or more samples used.



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A. CLASSIFICATION OF SUBJECT MATTER

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Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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EPO-Internal, WPI Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SCHUCHHARDT J ET AL: "NORMALIZATION STRATEGIES FOR CDNA MICROARRAYS" NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 28, no. 10, 15 May 2000 (2000-05-15), pages E47I-E47V, XP000982625 ISSN: 0305-1048 cited in the application abstract, figure 1 page E47I, left-hand column, paragraphs 1-3</p> <p style="text-align: center;">--- -/-</p>	1-12

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	<p>WO 01 35074 A (GSI LUMONICS INC) 17 May 2001 (2001-05-17) page 3, paragraph 6 -page 4, paragraph 1 page 8, paragraph 3</p> <p style="text-align: center;">---</p>	1-12
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